California Energy Commission Geothermal Collaborative Vision

Elaine Sison-Lebrilla, PE
Geothermal Program/PIER Renewables Resource Manager

California Geothermal Summit Summit
May 20, 2004

Overview

- **Motivation**
- **Desired Outcomes**
- **Structure**
- **Long-term Expectations**
- **Next Steps**

Geothermal Collaborative Vision
Motivation

- Stagnant geothermal development

- Renewable Portfolio Standard and Implementation Plan

- National Energy Policy with possible geothermal production tax credit

- Need for a game plan and forum to address issues/opportunities

Geothermal Collaborative Vision
Desired Outcomes

- Provides key stakeholders a forum to discuss development of responsible geothermal to meet the opportunities in CA

- Provides a positive environment to assist in the determination of pathways to pursue development

- Promotes dialogue among stakeholders to identify barriers and reach solutions

Geothermal Collaborative Vision
How?

- PIER Program Initial Funding

- Other PIER Program Collaboratives
  - CA Wind Energy Collaborative (CWEC)
  - CA Biomass Collaborative (CBC)
  - CA Solar Energy Collaborative (CalSEC)

Geothermal Collaborative Vision
Structure

- Collaborative Administrator

- Steering Committee

- Specific Subgroups

  - Addressing Key Issues

- Annual Forum

  - Sharing Information

Geothermal Collaborative Vision
Products We Envision

- **White Papers relevant to CA Issues and Opportunities**
- **Power Plant Database**
  - **Performance Reporting System of Existing Facilities**
  - **Tracking development of geothermal under the RPS (e.g. MW Capacity, Energy, Benefits)**
- **Studies**
  - **Best approaches to developing Imperial County resources**

Geothermal Collaborative Vision
Long-Term Expectations

- **Self-sustaining membership based Collaborative**

- **Ensure California maintains a sustainable geothermal industry**

- **Forum for continued coordination among CEC and key stakeholders**

Geothermal Collaborative Vision
Next Steps

- **Proceeding with formation of Collaborative**

- **Stay Tuned**

- **Need for Input**
  - **Info will be posted on Website**